

PTO/SB/08B (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number 10/716,386

Filing Date November 18, 2003

First Named Inventor Nilanjan Mukherjee

Art Unit 2128

Examiner Name Heng Der Day

Attorney Docket Number 05-03-002

Sheet 1 of 2

NON PATENT LITERATURE DOCUMENTS

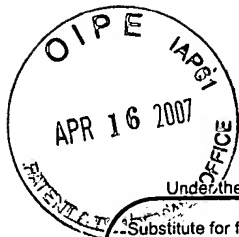
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AA	Nina Amenta, "Optimal Point Placement for Mesh Smoothing," Journal of Algorithms 30, pp. 302-322, (1999).	
	AB	Bala Balendran, "A Direct Smoothing Method For Surface Meshes," 5 pages, (1999).	
	AC	Frank J. Bossen et al., "A Pliant Method for Anisotropic Mesh Generation," Computer Science Dept., Carnegie Mellon University, 12 pages, (1996).	
	AD	Scott A. Canann et al., "An Approach to Combined Laplacian and Optimization-Based Smoothing for Triangular, Quadrilateral, and Quad-Dominant Meshes," ANSYS, Inc., 16 pages, (1998).	
	AE	David A. Field, "Laplacian Smoothing and Delaunay Triangulations," Communications in Applied Numerical Methods, Vol. 4, pp. 709-712, (1988).	
	AF	Lori Freitag et al., "An Efficient Parallel Algorithm for Mesh Smoothing," Computer Science Department, The University of Tennessee, pp. 47-58, (1995).	
	AG	Lori A. Freitag et al., "A Comparison of Tetrahedral Mesh Improvement Techniques," Mathematics and Computer Science Division, Argonne National Laboratory, 14 pages, (1997).	
	AH	Lori A. Freitag, "On Combining Laplacian and Optimization-Based Mesh Smoothing Techniques," Mathematics and Computer Science Division, Argonne National Laboratory, 7 pages, (1997).	
	AI	Robert Haber et al., "A General Two-Dimensional, Graphical Finite Element Preprocessor Utilizing Discrete Transfinite Mappings," International Journal for Numerical Methods in Engineering, Vol. 17, pp. 1015-1044, (1981).	
	AJ	David Ives, "Unstructured Boundary Layer Grid Generation," pp. 13-25, (2000).	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/716,386
Filing Date	November 18, 2003
First Named Inventor	Nilanjan Mukherjee
Art Unit	2128
Examiner Name	Herng Der Day
Attorney Docket Number	05-03-002

Sheet	2	of	2
-------	---	----	---

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	BA	C. K. Lee et al., "A New Scheme For The Generation of A Graded Quadrilateral Mesh," Computer & Structures, Vol. 52, No. 5, pp. 847-857, (1994).	
	BB	V.N. Parthasarathy, "A Constrained Optimization Approach to Finite Element Mesh Smoothing," Finite Elements in Analysis and Design, 9, pp. 309-320, (1991).	
	BC	Mark S. Shephard et al., "Automatic Three-Dimensional Mesh Generation by the Finite Octree Technique," International Journal for Numerical Methods in Engineering, Vol. 32, pp. 709-749 (1991).	
	BD	T.K.H. Tam, "Finite Element Mesh Control By Integer Programming," International Journal for Numerical Methods in Engineering, Vol. 36, pp. 2581-2605 (1993).	
	BE	Tian Zhou et al., "An Angle-Based Approach to Two-Dimensional Mesh Smoothing," Carnegie Mellon University, 6 pages, (2000).	
	BF	Patrick M. Knupp, "Winslow Smoothing on Two-Dimensional Unstructured Meshes," 9 pages (1998).	
	BG	Patrick M. Knupp, "Applications of Mesh Smoothing: Copy, Morph, and Sweep on Unstructured Quadrilateral Meshes," International Journal for Numerical Methods in Engineering, 45, pp. 37-45 (1999).	
	BH	Lori A. Freitag et al., "The Effect of Mesh Quality on Solution Efficiency," 1 page.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.